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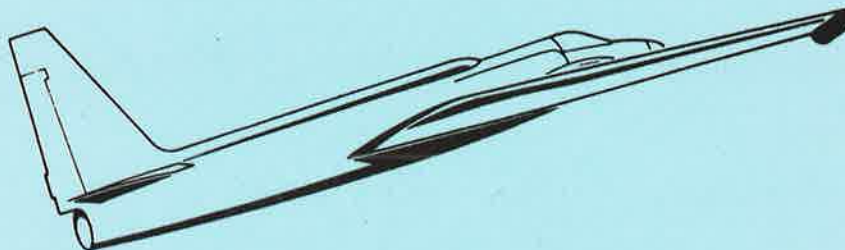
# Airborne Instrumentation Research Project

## Flight Summary Report

Flight No. 79-033

Date 13 April 1979

**FSR- 1243**



# NASA

National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field, California 94035

**Airborne Missions and Applications Division**

# FLIGHT SUMMARY REPORT

**Flight No:** 79-033

**Date:** 13 April 1979

**FSR No:** 1243

**Julian Date:** 103

**Sensor Package:** HR-732

**Aircraft No:** 4

**Purpose of Flight:** #0666 Support  
Requestor: Bauer/Lumb

**Area(s) Covered:** Sacramento Valley / Ventura County, California

*GRSU*

## SENSOR DATA

**Accession No:**

02714

**Sensor ID No:**

039

**Sensor Type:**

HR-732

**Focal Length:**

24"  
609.6mm

**Film Type:**

High Definition  
Aerochrome Infrared,  
S0-127

**Filtration:**

CC .20B

**Spectral Band:**

510-900nm

**f Stop:**

8

**Shutter Speed:**

1/75

**No. of Frames:**

89

**% Overlap:**

60

**Quality:**

Excellent

**Remarks:**

Intermittent soft focus

## FLIGHT SUMMARY

79-033

This flight was flown in support of Flight Request #0666 (Bauer/Lumb, NASA/ARC) under the FY 1979 Airborne Instrumentation Research Program (AIRP) plan. Photographic data was collected over the Sacramento Valley, Ventura County, and the San Francisco Bay area (see Track Map).

Most of the flight was cloud-free except for some occasional light scattered cumulus (see Flight Line Data). A film transport malfunction resulted in the edge of a single frame (#0079) being exposed during film transport. Also, intermittent frames experienced soft focus due to turbulence encountered along the first flight line. The data is rated excellent with no other camera or processing malfunctions noted.

# FLIGHT LINE DATA

FLIGHT NO. 79-033

Check Points	Frame Numbers	Time (GMT— hr, min, sec)		Altitude, MSL feet/meters	Cloud Cover/Remarks	
		START	END			
HR-732	A-B	0001-0041	18:58:39	19:08:31	65,000/19800	Soft focus, frs. 0002, 0003, 0013; light scattered cumulus, frs. 0034-0041
	C-D	0042-0079	20:01:33	20:10:34	"	Light scattered cumulus, frs. 0072-0077
	E-F	0080-0089	20:42:46	20:43:59	"	Clear

**FLIGHT 79-033**

**13 April 1979**

**Data Run**

**HR-732** ———

